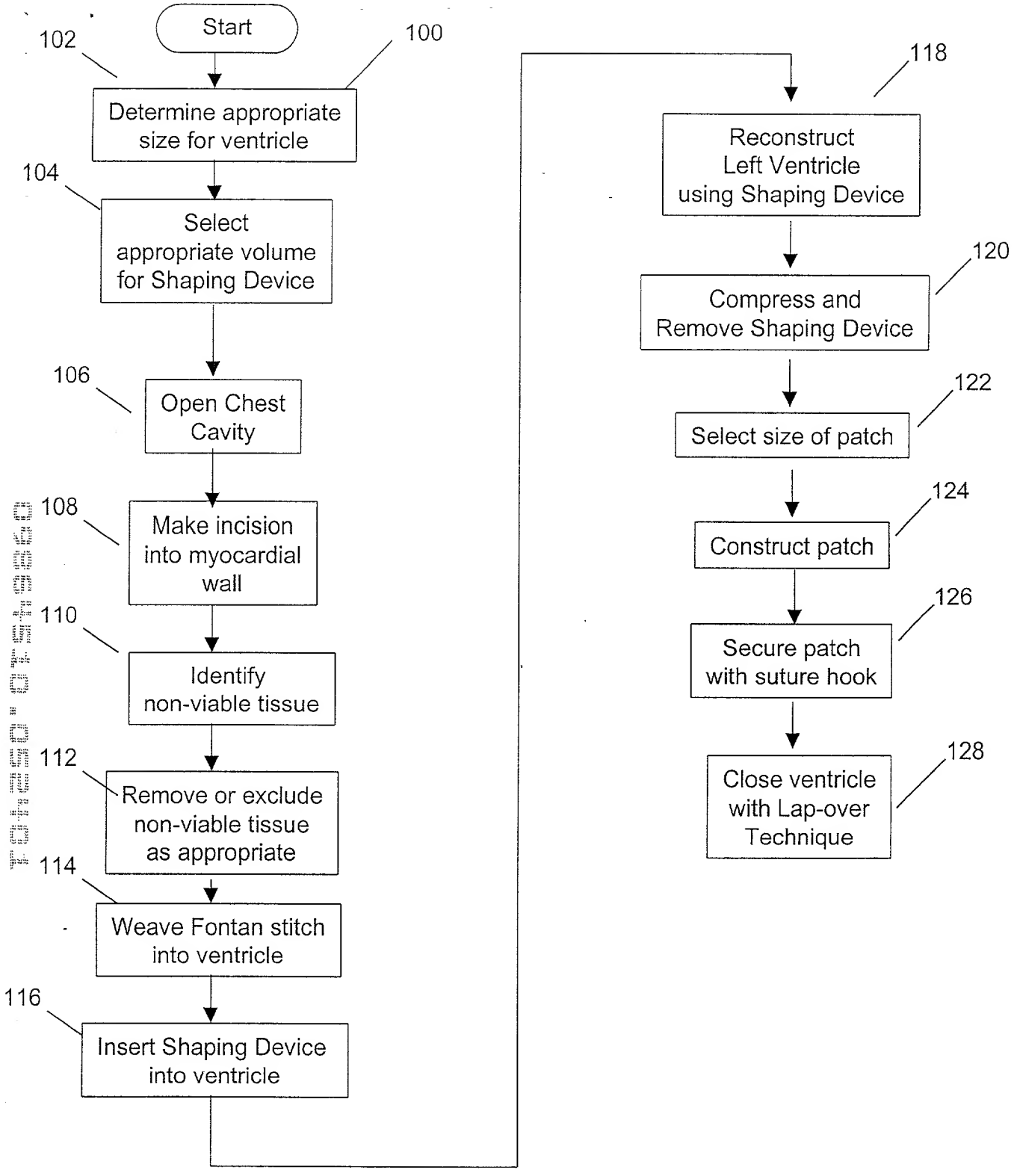
Start
100
102
Determine appropriate size for ventricle
104
Select appropriate volume for Shaping Device
106
Open Chest Cavity
108
Make incision into myocardial wall
110
Identify non-viable tissue
112
Remove or exclude non-viable tissue as appropriate
114
Weave Fontan stitch into ventricle
116
Insert Shaping Device into ventricle
118
Reconstruct Left Ventricle using Shaping Device
120
Compress and Remove Shaping Device
122
Select size of patch
124
Construct patch
126
Secure patch with suture hook
128
Close ventricle with Lap-over Technique

Fig. 1

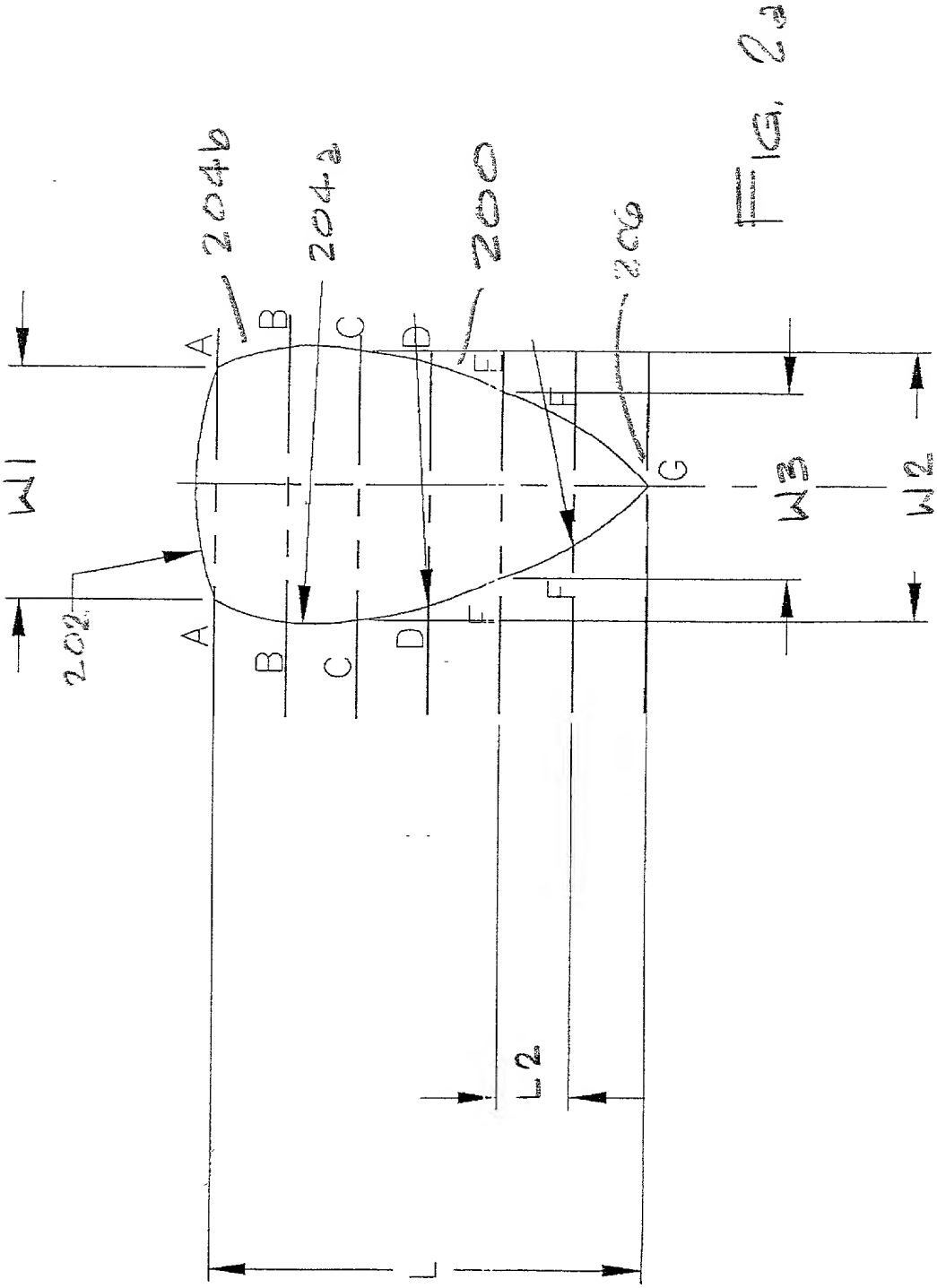
FIG. 2a
202
204a
204b
206
208
A
B
C
D
E
F
G
W1
W2
W3
L
L2

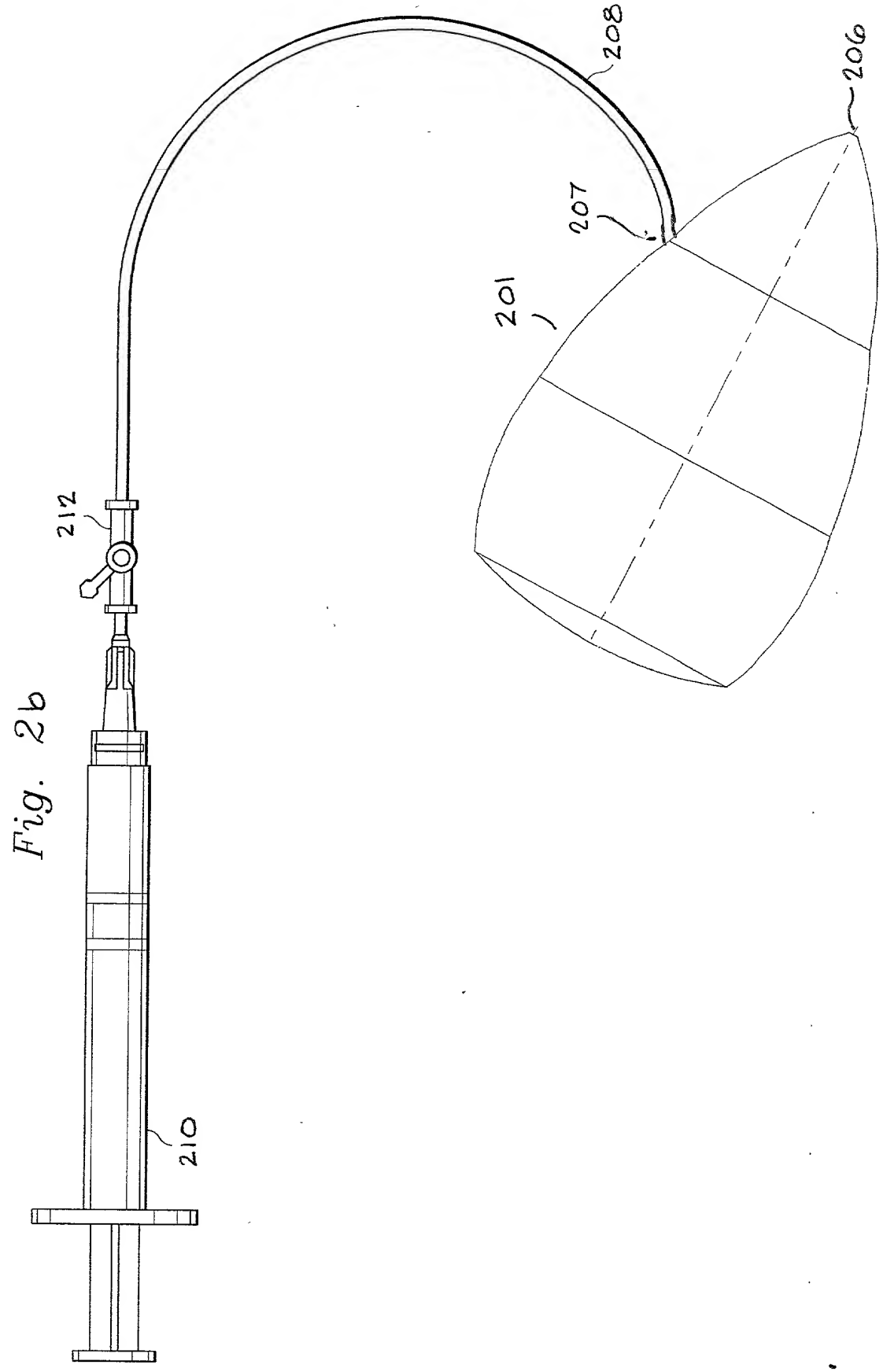

Fig. 2b

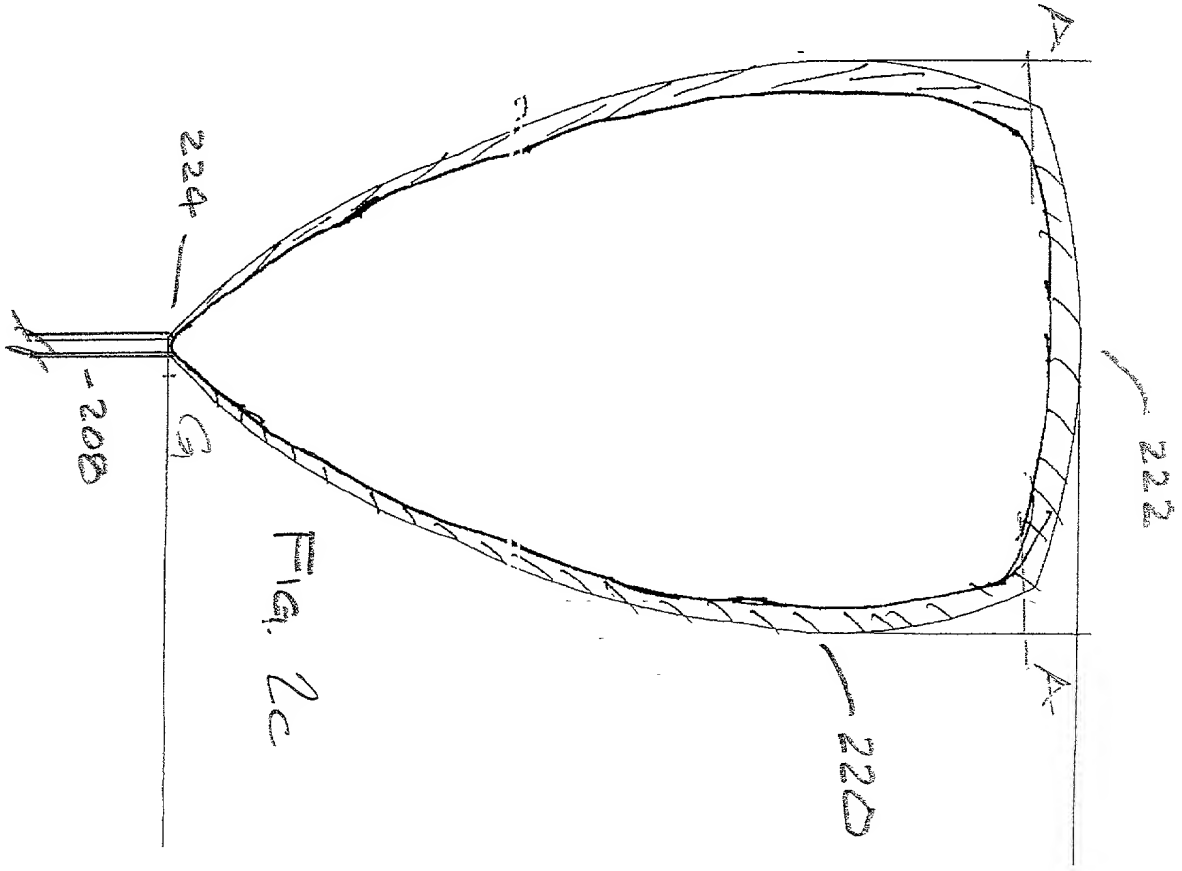

Fig. 2c

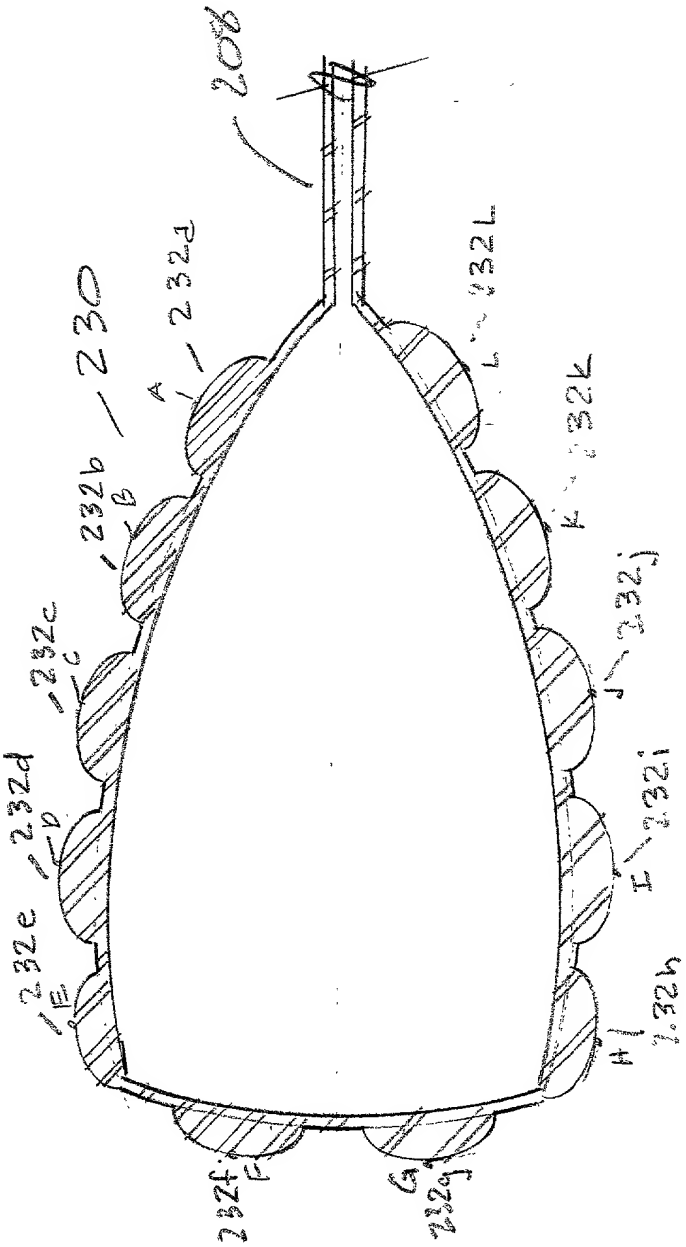
208
230
232a
A
232b
B
232c
C
232d
D
232e
E
232f
F
232g
G
232h
H
232i
I
232j
J
232k
K
232L
L

Fig. 2d

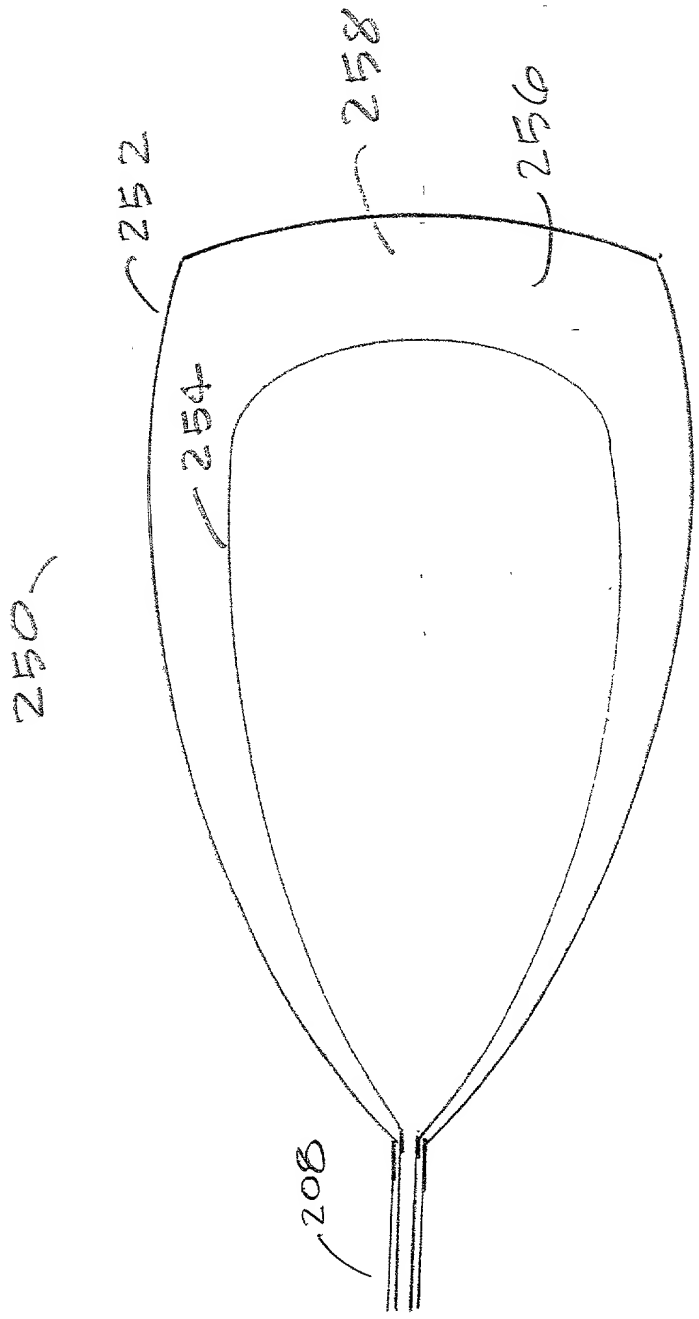

Fig 2e

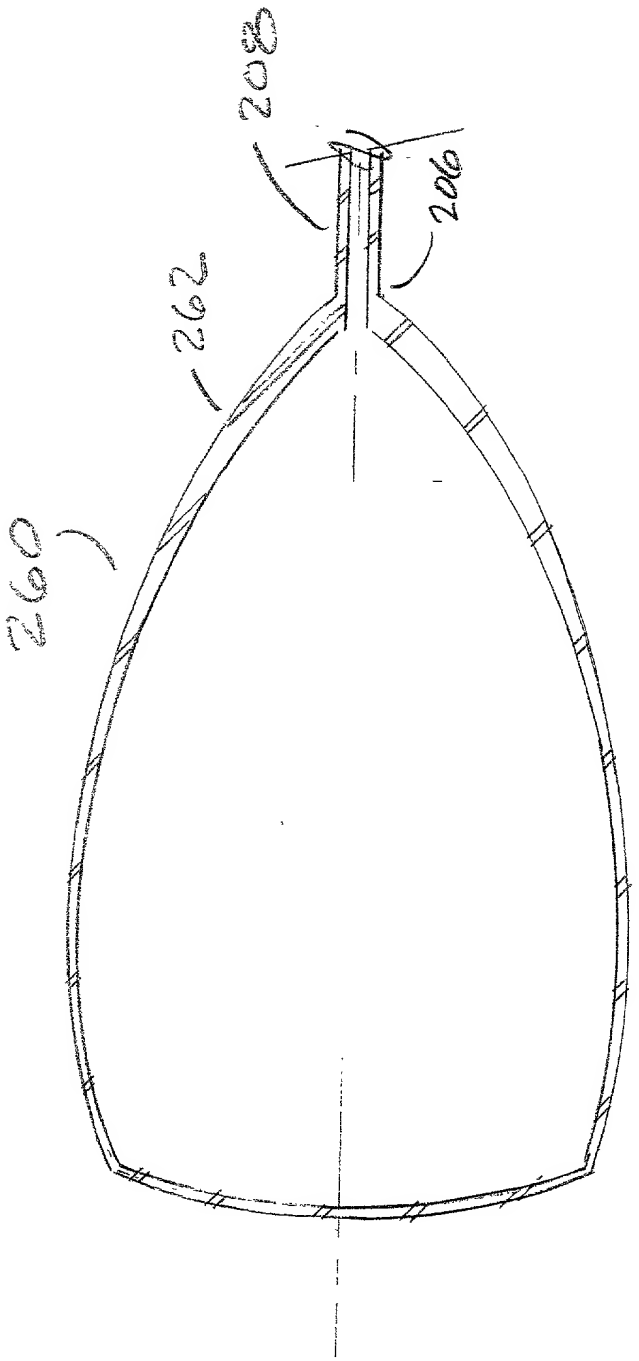

Fig. 2f

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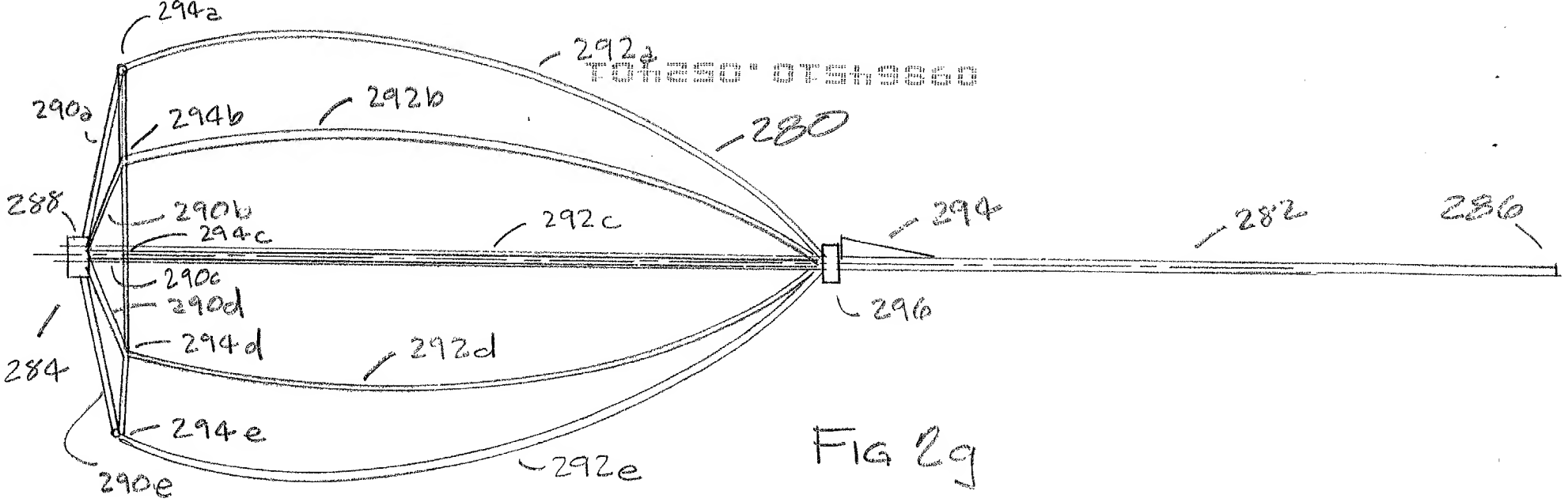

Fig 2g

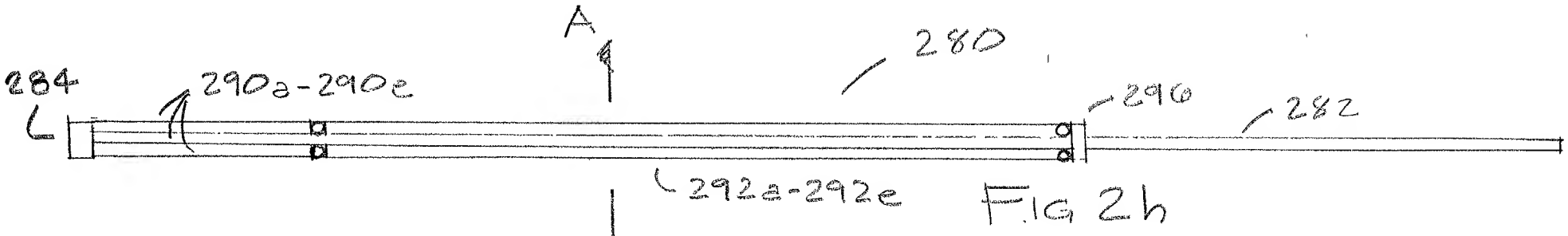

Fig 2h

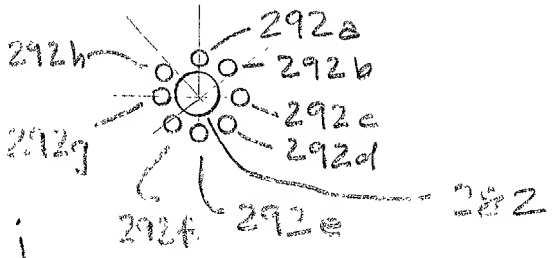

Fig 2j

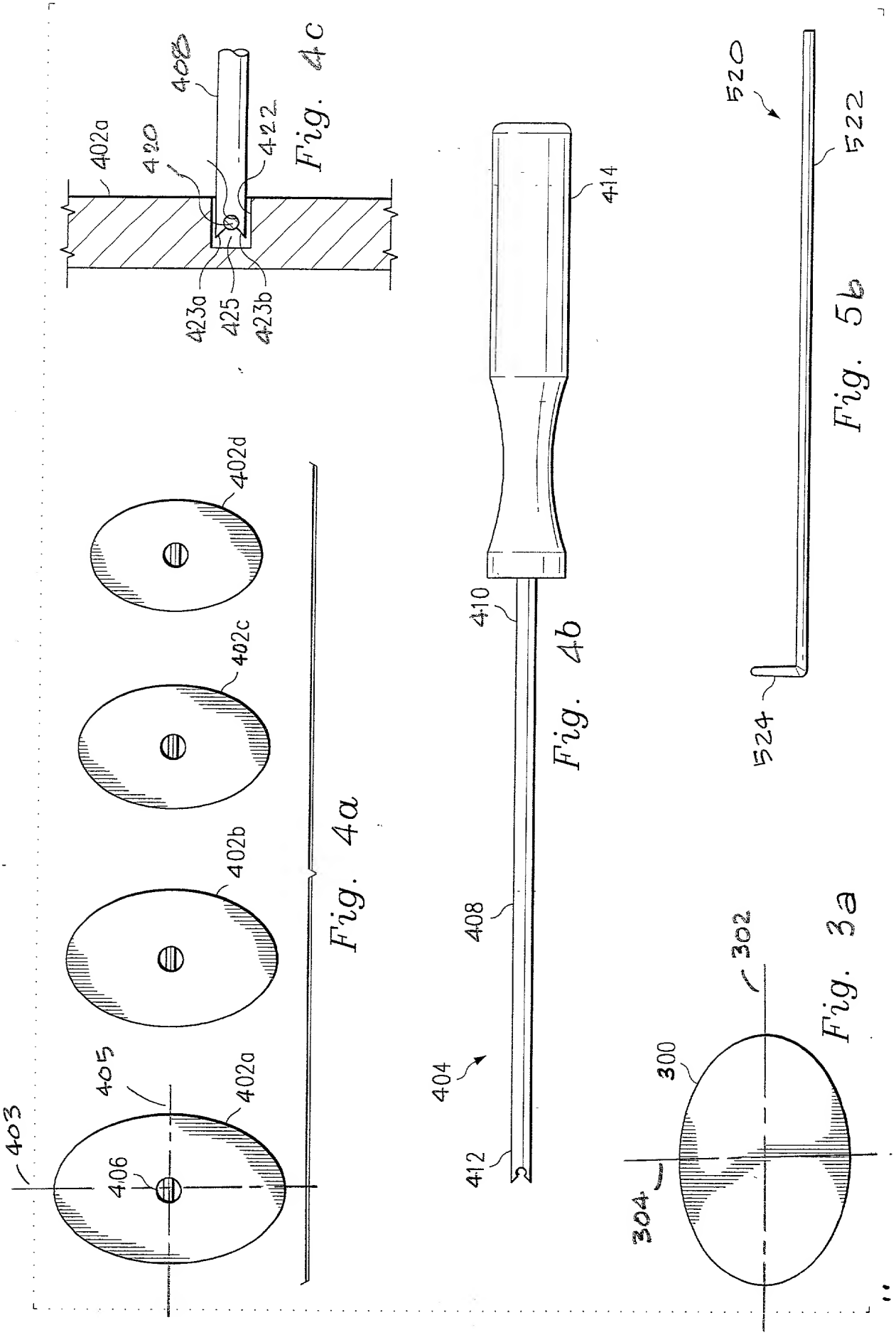

Fig. 4a

Fig. 4c

Fig. 4b

Fig. 5b

Fig. 3a

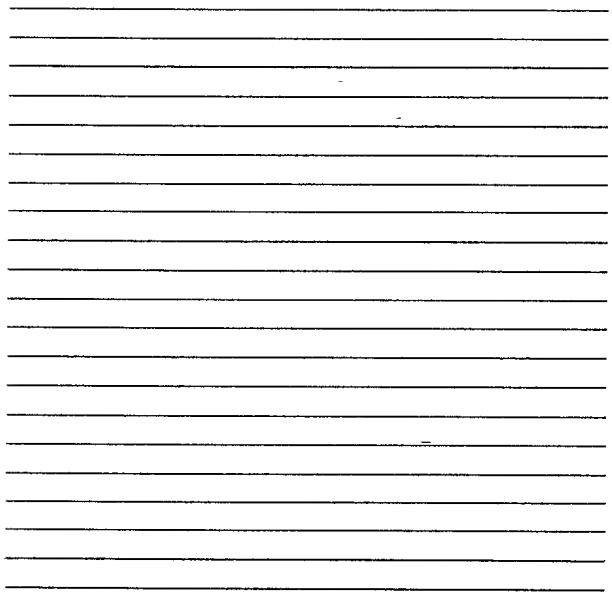

Fig. 3b

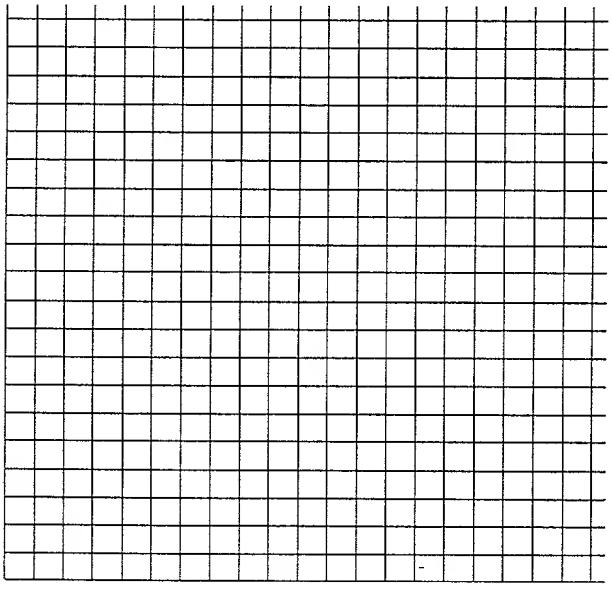

Fig. 3c

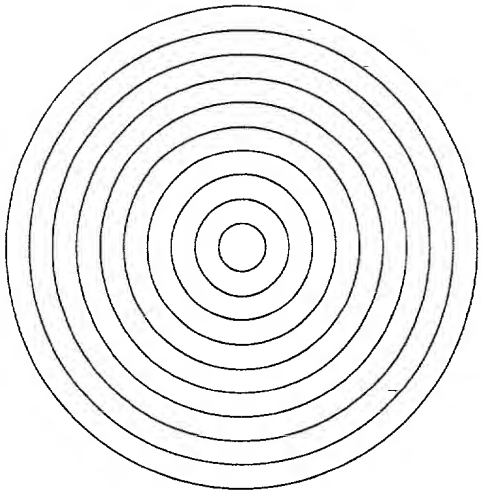

Fig. 3d

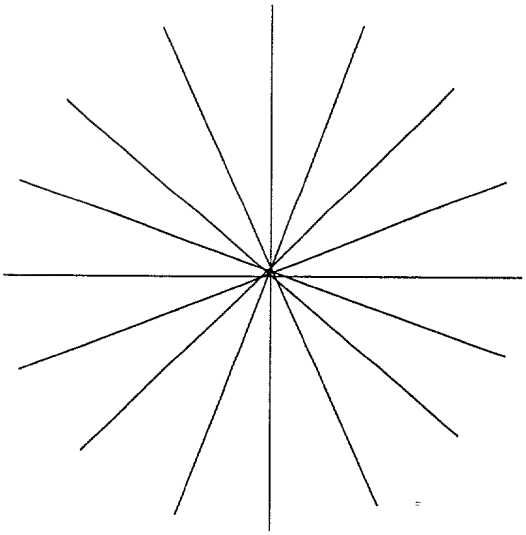

Fig. 3e

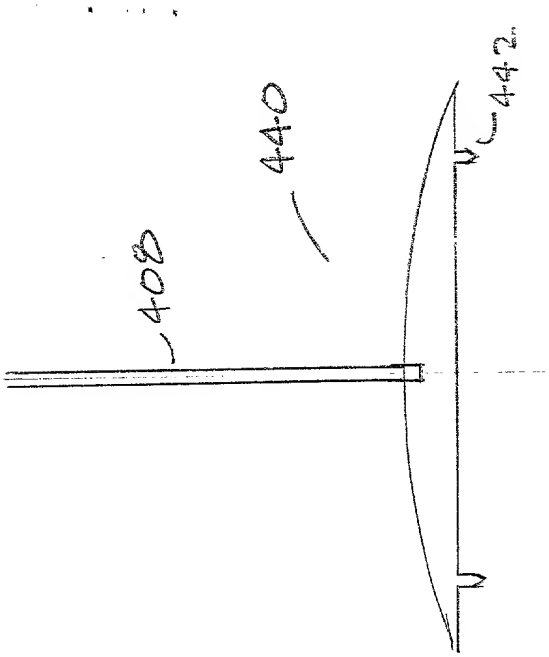

FIG 4e

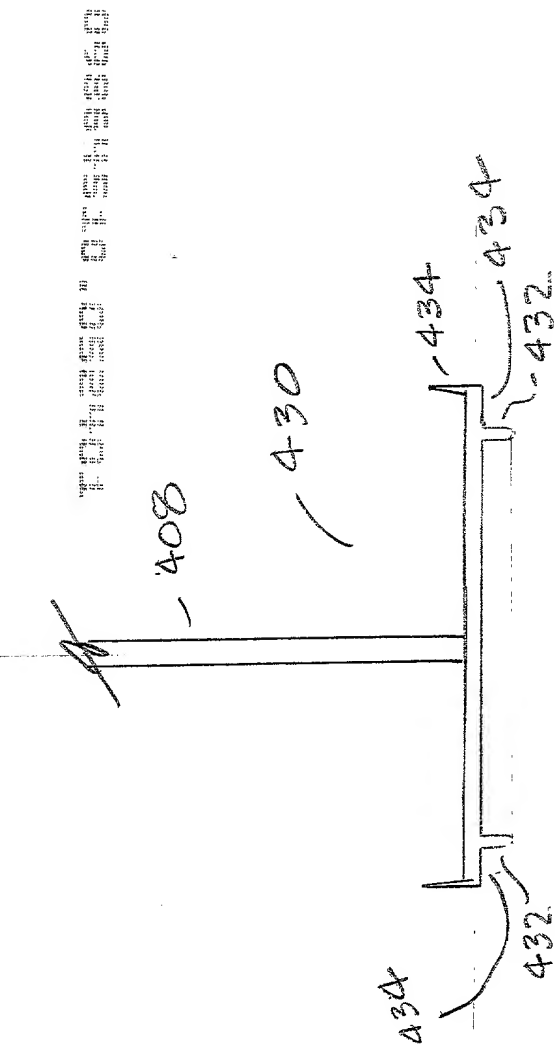

FIG 4d

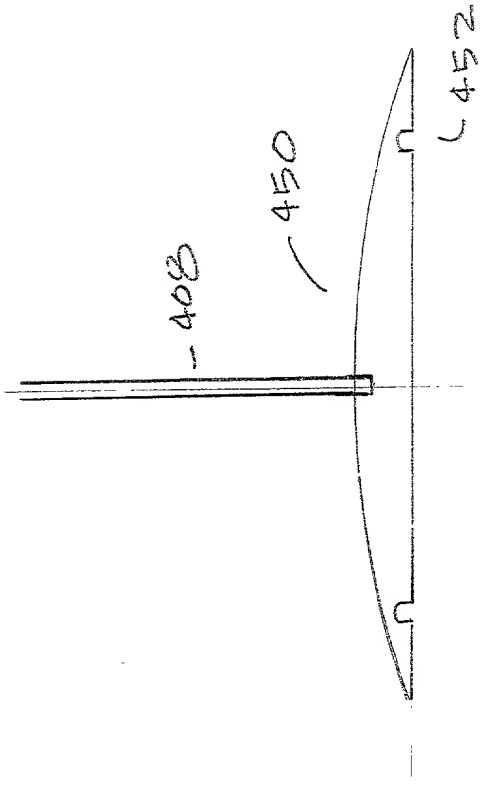

FIG 4f

Translation attached

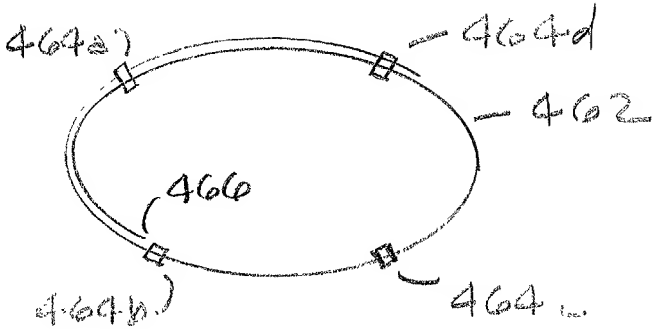

Fig 4h

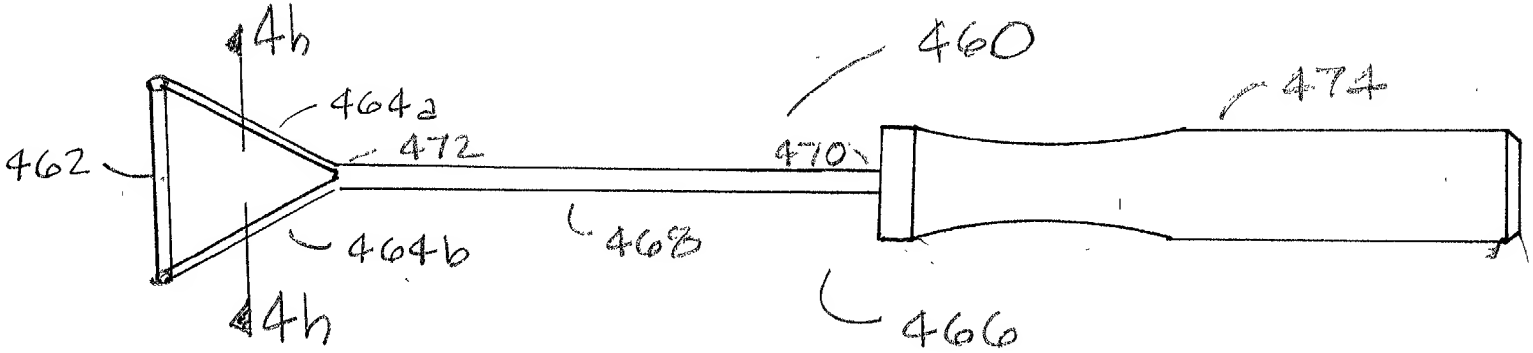

Fig 4g

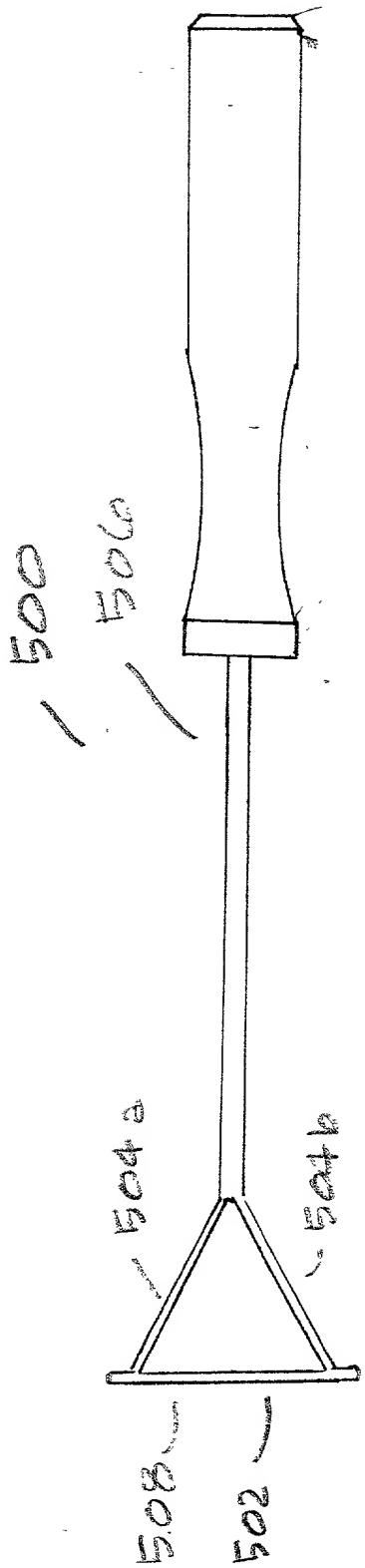

Fig 5a

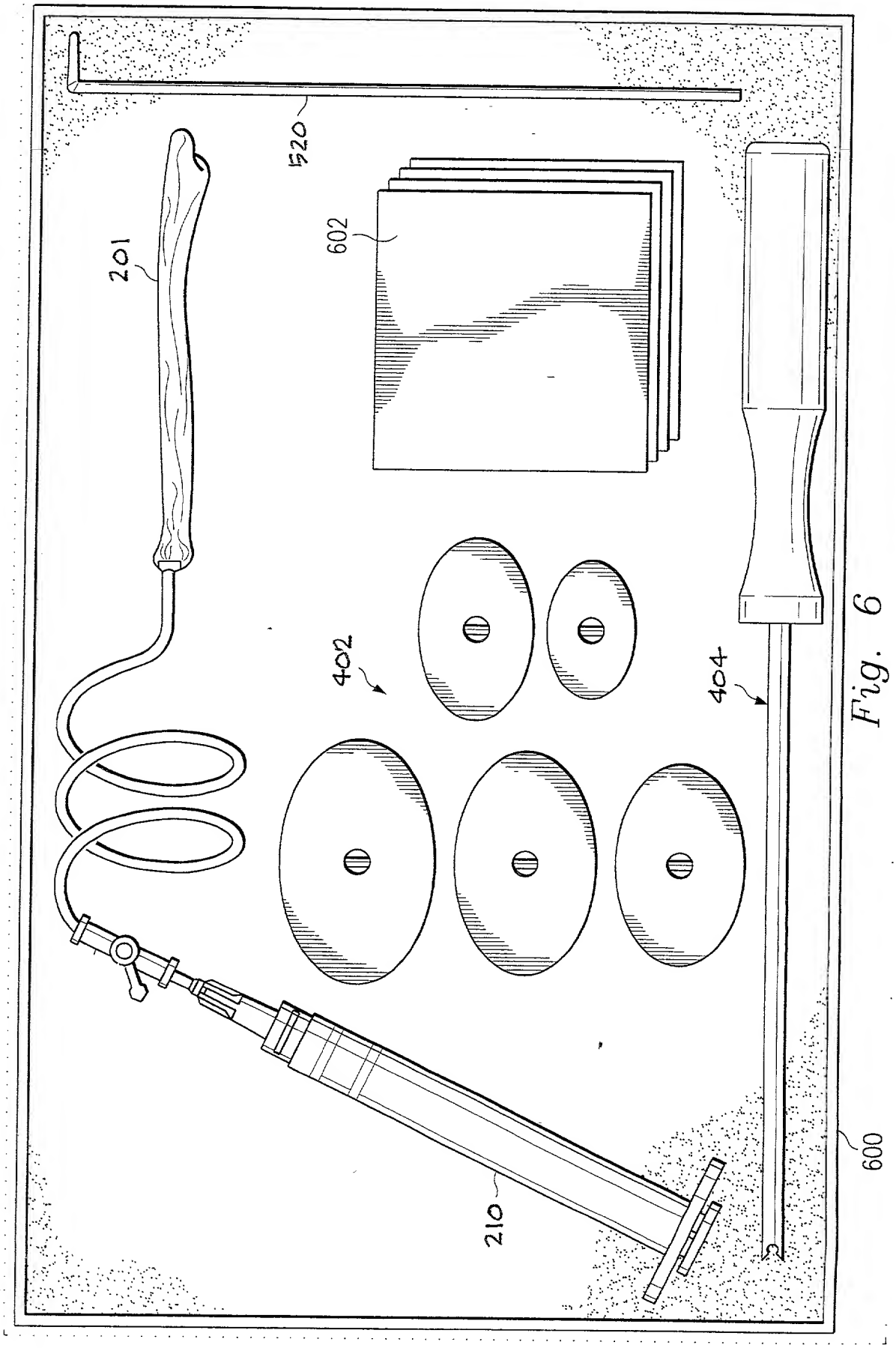

Fig. 6

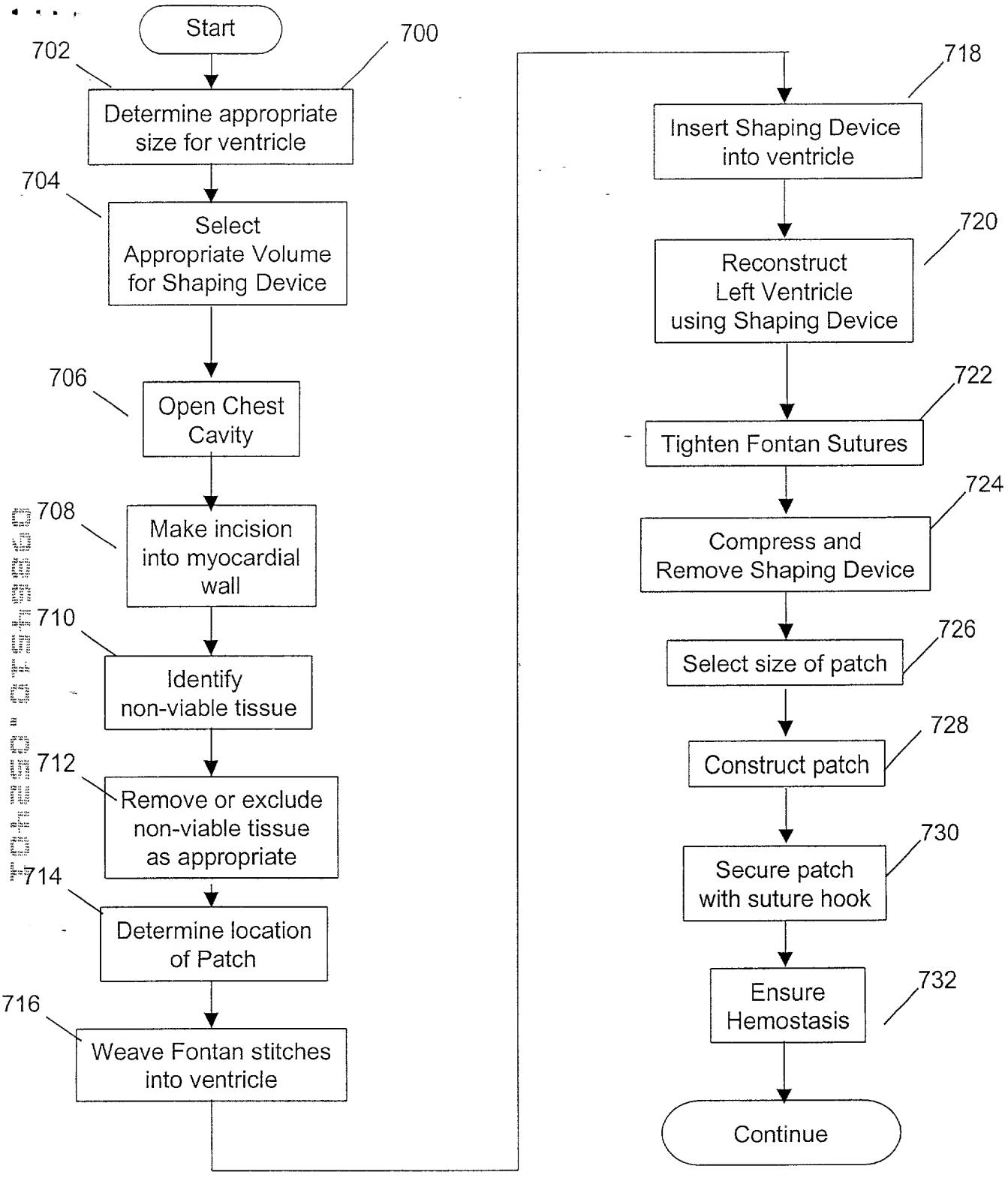
Start
700
702
Determine appropriate size for ventricle
704
Select Appropriate Volume for Shaping Device
706
Open Chest Cavity
708
Make incision into myocardial wall
710
Identify non-viable tissue
712
Remove or exclude non-viable tissue as appropriate
714
Determine location of Patch
716
Weave Fontan stitches into ventricle
718
Insert Shaping Device into ventricle
720
Reconstruct Left Ventricle using Shaping Device
722
Tighten Fontan Sutures
724
Compress and Remove Shaping Device
726
Select size of patch
728
Construct patch
730
Secure patch with suture hook
732
Ensure Hemostasis
Continue

Fig. 7a

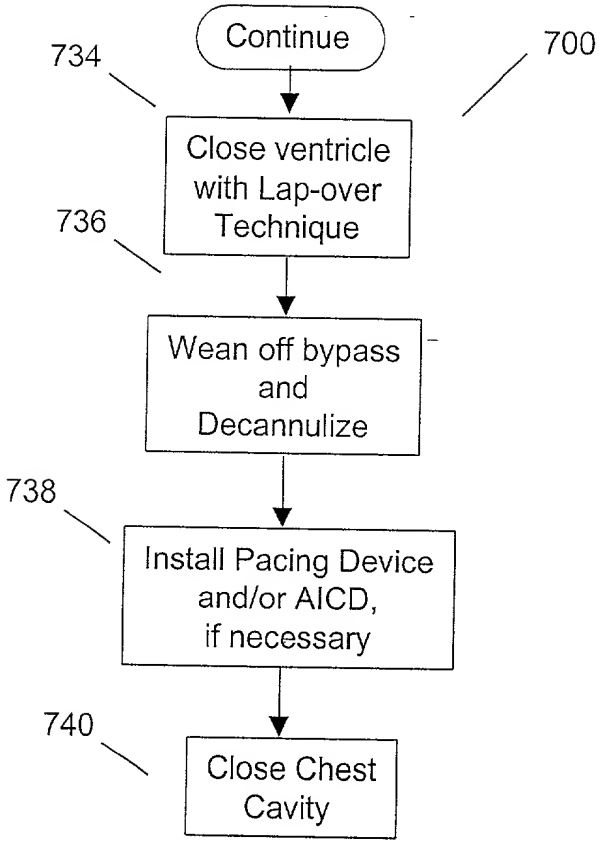
Continue
734
700
Close ventricle with Lap-over Technique
736
Wean off bypass and Decannulize
738
Install Pacing Device and/or AICD, if necessary
740
Close Chest Cavity

Fig. 7b